

Jenkins Takes Sixth in I.C.4A. Championships

Barely Nosed out by Gene Venzke in Thrilling Rush for Tape

TECHNOLOGY HARRIERS TAKE TWELFTH PLACE

Freshman Team, Led by Guerke, Shows Strength When It Finishes Sixth

Morton Jenkins, Technology star distance runner, discovered last night by Coach Oscar Hedlund, lived to the hopes of his followers and his coach yesterday afternoon by titling his way to sixth place in the C. A. A. A. Cross-Country Championship Meet, held at Van Cortlandt Park, New York, yesterday afternoon. The points scored by Jenkins, who was barely nosed out by fifth honors, materially aided his team to finish twelfth in the final tabulation of scores.

Jenkins was among the leaders from the very start of the grind. He was among the first eight during the first three miles of the run and the end of four and a half miles saw him up in sixth position. He remained there until the last four hundred yards.

Directly ahead of him at that point was Gene Venzke, famed distance star, and holder of the world's indoor mile record. Jenkins put on a sprint to pass Venzke and land in fifth place but Coach Lawson Robertson's charge, determined not to drop behind, followed Jenkins' move and the duel for fifth honors developed. The two paced nearly side by side up to the finish line, with Venzke edging out his rival by a scant three yards.

Technology's other point-scorers were Barrett, in 55th place; Talbert, 66th; Ranger, 66th; and Fitch, 94th. The Engineers' total of 277 was good for twelfth place among the seven varsity teams entered.

The individual winner of the national harrier crown was Thomas Guay of Michigan State, with Joe Morgan of Cornell second, Tom Russell of Manhattan third, and Ed Wesley of Colby fourth.

Coach Hedlund's first-year men took sixth honors in the freshman (Continued from Page 3)

TICKETS FOR "THE IVORY DOOR" ARE NOW AVAILABLE

Dramashop Play Will Be Given
in Commons Room
December 7, 8, 9

If you have any doubt as to the quality of Dramashop productions, ask Charles B. Gamble, '34, General Manager, "inquire of anyone who saw last production, 'Ten Nights in a Trench House.'" Ticket sale for the December play, "The Ivory Door," began yesterday.

"The Ivory Door," written by A. A. Milne, is the story of a mythical kingdom, its king, and his court and its opportunity for great character creation. It will be presented by Dramashop Thursday, Friday and Saturday, December 7, 8 and 9, in the Commons Room in the Rogers Building, 491 Boylston Street. Tickets are \$1.00 each and may be purchased in room 2-176 or from any member of the cast or management. Those wishing tickets, says the management, should bear in mind the fact that the Commons Room is the normal gathering room for students, is not very great and that before tickets after the first week of selling will be at a premium.

Technology Harrier Sixth in I.C.4A Run



MORTON M. JENKINS, '35

DOMESTIC CURRENT TO PROMOTE NEXT BOOM SAYS RIPLEY

First Aldred Lecturer Demands
Merchandizing Genius for
Electrical Appliances

"The electrical industry is the field that will be the cause of the next great boom, or coincident with it" is the opinion of Charles M. Ripley, General Electric engineer and world traveler. Mr. Ripley spoke on "The Next Great Boom" at the first Aldred Lecture Friday afternoon.

"The industry has huge potentialities," he said, "and is waiting for a merchandising genius." The theory underlying the sale of a household appliance, according to Ripley, is that one pays for whatever he needs, whether he buys it or not. Then, the saving effected by the convenience of an appliance is great enough to pay for the machine itself. As Ripley stated it, "it pays for itself in two years and we give you two years to pay for it."

INSTITUTE COMMITTEE REINSTATES CORPORATION XV; DUES ARE PAID

Members of Staff of Course XV
Contribute Sum to Meet Dues
and Fine Assessed on Society
by Institute Committee

The controversy between Corporation XV and the Institute Committee which resulted in the withdrawal of official recognition of the Corporation, was brought to a sudden close yesterday by Professor Erwin H. Schell, head of the Department of Business and Engineering Administration in which Corporation XV is the undergraduate professional society.

In a letter to William G. Ball, Jr., '34, president of the Corporation Professor Schell expressed the desire that the society "continue peacefully to carry on the splendid work" which it has been doing and enclosed six dollars which had been contributed by members of the Department to meet the amount now in dispute and payable to the Budget Committee.

Leading Scientists Gather at Technology for Meeting of National Academy of Sciences

MORGAN PRAISES NATIONAL PLANNING IN TALK ON TENNESSEE VALLEY PLAN

Development to Test Desirability of Public Control on Big Scale; Importance of Unified Control for Power Development shown

Dr. Arthur E. Morgan, Chairman of the Tennessee Valley Authority, which was called the greatest economic and social plan undertaken in this country, described the development yesterday evening in Walker Memorial in a public lecture, which was a part of the opening program of the National Academy of Sciences, now meeting at the Institute. The plan was characterized as an experiment to test the desirability of public ownership before applying it on a larger scale.

The proper way to treat the Tennessee Valley Authority, according to Dr. Morgan, "is not as an isolated undertaking, but as an integral part of the whole program of the present administration." It is an effort to appraise the merits of broad-scale conclusions about the social and economic order so that it is possible to "bring about necessary changes without undue violence or upheaval."

Economic Planning Needed
The necessity of unified economic planning was stressed by Dr. Morgan. "To make significant changes in the habits of a country, and to actually lay the basis for a different social and economic order is no short-time job," he stated. "Tariff policy, banking policy, the National Recovery Administration, those and other issues must be dealt with by the nation as a whole."

MASQUE AWARD GIVEN AT BANQUET

The award of \$50 for writing the manuscript which was selected for the 1934 Tech Show will be presented to Deborah V. Rubenstein, '34, and Joseph Dauber, '34, the co-authors, at a banquet to be held in the faculty dining room at 6:30 p. m., Thursday, November 23.



DR. ARTHUR E. MORGAN

JACK MARSHARD IS FEATURE AT DANCE

Commuters Also to Have Novel
Decorations at Dance

Jack Marshard's popular dance band will furnish the rhythm, and the orchestra leader himself will entertain with a new specialty number, at the "Untouchables' Frolic" of the Commuters which will take place next Friday evening from 9 to 2 in Walker Memorial.

Decorations will consist of banners hung between the pillars representing the various local clubs. It is thought that this method will not only prove unique, but will provide a convenient place for members of the clubs to congregate.

Dormitories Hold Open House
The Dormitories will hold open house during the evening. All of Walker Memorial has been engaged for the affair.

TO INSTALL SOUND SYSTEM IN 10-250

Equipment Will Include Needed
Public Address System

Definite authority has been given to the Technology Photo Service to install sound equipment in Lecture Room 10-250. Completion of the work, which has already started, is expected in two weeks.

Besides being suitable for the presentation of talking pictures, the equipment will include a public address system, so that students attending lectures will have no difficulty in hearing the instructor, nor will the instructor have to speak loudly.

Talking pictures other than those shown for educational purposes will be shown by the various clubs and professional societies of the Institute who wish to do so.

The Photo Service has been experimenting with talking pictures in Walker Memorial dining room, and in other lecture rooms. Frank H. Conant, who is directing the work says that the acoustics are excellent in 10-250 and good in Walker. He also states that the Photo Service is obtaining some portable equipment which may be used in any of these rooms.

Recent Advances Are Discussed in Scientific Papers

Dr. Karl T. Compton Welcomes
Academy on Behalf of
the Institute

SCIENTIFIC SESSIONS
ARE OPEN TO PUBLIC

Millikan Presents Discussion
of Cosmic Radiation
and Positrons

Leading scientists from all over the world are gathered at the Institute this week to hold the autumn meeting of the National Academy of Sciences. Sessions which began yesterday morning with a business meeting will continue throughout today and tomorrow in the Eastman Lecture Hall.

At the scientific sessions, which are open to the public, papers will be presented on recent advances in the field of science. Papers this afternoon will be on biology and medicine. Professor J. L. Cartledge and Dr. A. F. Blakeslee of the Department of Genetics at the Carnegie Institution of Washington will discuss the increased number of mutations in old seed. A discussion of "blackhead," a fatal disease in turkeys, will be presented by Dr. Ernest Edward Tyzzer, of Harvard Medical School.

The autumn meeting was opened yesterday morning by Dr. Karl T. Compton, President of the Institute, who gave the address of welcome. He emphasized the fact that although Technology has undertaken the primary responsibility for the occasion, Harvard is also a host, since some of its members have co-operated in working on the local committee. The Technology members of the local committee include Dr. Karl T. Compton, chairman; Dr. John C. Slater, secretary; Dr. Frederick G. Keyes; and Professor Emeritus Waldemar Lindgren.

Millikan Discusses Cosmic Rays

Following the welcome, the first scientific session was conducted. Robert A. Millikan of California Institute of Technology presented a paper on cosmic rays and another on positron electron pairs. He asserted that cosmic bursts are not due to thick swarms of rays, but are rather instrumental accidents when a gamma ray explodes an atom and disturbs the sensitive electroscope. The second paper, presented on behalf of Carl Anderson and Seth Neddermeyer, discussed the electron and positron paths produced when a gamma ray collides with an atomic nucleus.

A second speaker at the morning session was Abbé Georges LeMaitre, '27, author of the theory of the expanding universe. His hypothesis sets forth the idea that the universe began as a limited region, but a gigantic explosion began the disintegration of this system, resulting in the outward movement of the heavenly bodies. Some of the local systems experience contractions within themselves, forming nebulae and galaxies.

Sun Spots and Weather Correlated

Yesterday afternoon at the second session further papers were presented. Dr. Charles G. Abbot, Secre-

(Continued on Page 4)

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Bag and Bottle

We are pleased to announce the
Institute's most seclusive and exclu-
sive society, just formed—Bag and
Bottle.

Only coeds and Course VIII men
are eligible, and very few of those.
The requirements are that you bring
your own lunch to school, and it must
be brought in a brown paper bag.
Then if you are in on the delivery
of milk to a certain door of the Insti-
tute, you might be elected.

The society is strictly a luncheon
gathering, and we regret to state
that, since there is only room for
three persons at the present meeting
place, no more elections will be made
until the exit of one of the present
members.

Boogey-Man

A friend of ours is one of those
eligible for the above, but prefers to
take his meal in Walker, for which
we can't blame him.

His story is one of the futility of
life. He tells us that he walks once
around with his sandwiches clasped
safely, and then, buying a glass of
milk, sits down to solitary meal with
the brownbaggers staring at him in
disapproval.

But he says he doesn't care, not
even a little bit. Says he often thinks
of blowing up the bag and bursting
it, just to see the brownbaggers
jump, but doesn't do it very often.
Thinks they might get used to it.

Untouchable?

That sardonic defeatist, the cynical
Voltaire of these clammy confines,
Professor William C. Greene, will no
doubt glower in astonishment at the
enterprise of his "Scrimers," those
hardy souls attempting the "Un-
touchables' Frolic."

The title has us stopped, however
appropriate it may seem to our
readers. We assume this means the
lounges will be closed, however, but
what brownbagger gives an oral con-
struction of the universe without
room to wave his hands?

Frozen Asset

Someone from the T. M. lab tells
of a notable triumph of the purely
technical mind over those crafty men
of mighty business, by which we
mean to say that Course VI and
Course XV clashed, and the electrical
men came out on top.

The hapless Bus. Ad. man was in-
volved in an argument as to the
versatility of the telephone, and was
finally urged into one of those two
booths over that way, to be shown by
demonstration that no call was too
long or too short.

After he had been instructed in the
use of the instrument and given a
number to call, all waited expectantly.
At first there was no response, but
in the nick of time, old Bell came
through, and the engineers sighed in
relief as the bell in the next booth
started ringing.

At the last report, the business
man was still probing for his nickel,
and vainly.

C. P. S. CORRECTION

The picture of the Executive Com-
mittee of the Combined Professional
Societies will be taken for Technique
Wednesday, November 22, in Room
2-063, at 5:45 o'clock. Postcards sent
out to members were in error.

UNDERGRADUATE NOTICE

Tech Show requests that all men
interested in writing music for the
show report to the society's office on
the third floor of Walker Memorial
at five o'clock any day this week.
Any men interested in playing the
piano at the chorus tryouts to be
held next week should report also.

Vassar recently got out an in-
junction against a candy company
for making "Vassar Kisses."

AS WE SEE THE MOVIES

RKO KEITH'S

Berkeley Square

Leslie Howard and Heather Angel
give masterful representations of two
very difficult parts, in this odd trag-
edy. Howard portrays the part of
a man with a theory that time may
be traversed, and goes back to the
18th century where he falls in love
with a girl dead a hundred and fifty-
three years.

It must be understood that original
production of this play caused an
enormous sensation in London and
New York. The picture follows the
original theme almost exactly, but
stands as another example that the
screen, as compared to the legitimate
stage, is a sterile medium.

Although there were no detectable
dramatic flaws, instead of the ex-
treme emotional climaxes of the play,
the picture makes one feel just a
little uncomfortable. Even so, for a
straightforward interesting situation,
full of those subtle creations known
as "touches," this picture remains
one of the foremost.

S. T. M.

PARAMOUNT

Opening at the Paramount is one
of the few football pictures that por-
trays conditions as they really are.
This picture, *College Coach*, deals
with a very delicate subject in an

adequate manner, although it em-
ploys the usual blood and thunder of
the gridiron to swell the box-office.

The lead is played by Pat O'Brien,
who is the mercenary coach. His
deeds, from buying tramp football
players to killing an opposing back
compose a revolutionary exposé of
American football, the story being
that it is based on actual facts which
took place in a well known university.

We regret that the scenario writer
finds it expedient to make O'Brien
the hero of the story, and to give
him success in his deals. These deals,
rather than being for the good of
football in his college, are engineered
solely for the purpose of swelling his
own purse.

R. J. M.

RKO BOSTON

Although Cab Calloway is not
present with the original Cotton Club
Parade, this stage orchestra combines
all the good features of Guy Lomb-
ardo, Duke Ellington, Fred Waring,
and Paul Whiteman, giving a very
brilliant performance.

On the screen Ginger Rogers gives
an excellent portrayal of "A Chance
at Heaven."

F. S. P.

HOME-COOKING
GOOD SERVICE
CONVENIENT LOCATION
No Suppers Served—So our lunches
are the best meals available in
Town.

Eat at LYDIA LEE'S
Only the best food at a price to
fit all pocketbooks.

BACK TO TECH - - - !

MANY of us who went to the Scabbard and Blade Ball Friday
night were much puzzled by seeing so few familiar faces
among the musicians. The posters said that the Techtonians were
to play, but the number of Tech students in the band was very
small indeed. In fact it consisted of a leader and two or three
men. At least six of the musicians are known to have been pro-
fessionals.

This orchestra has obtained a large number of jobs through
its connection with the Institute. It is a member of the Combined
Musical Clubs, and as such was supposedly made up of Technology
men. All of the student members of the band must pay their five
dollars to join the clubs — the professionals do not.

When we first looked into this situation, the offenders com-
plained that there were very few men in the Institute capable of
keeping up the high standards of the Techtonians of last year.
Members of the band complained that no high degree of perform-
ance could be reached because practice sessions were too few and
far between. As a matter of fact the music Friday night did not
compare too favorably with last year's Techtonians. The lack of
rehearsals is painfully obvious even in a band of professionals
gathered from the four corners of Boston especially for the occa-
sion. A well-drilled group of Tech men could have done as well.

Enough pressure was brought to bear by the advisory board
of the musical clubs so that the leader of the Techtonians has re-
signed to form his own band made exclusively of professionals. A
decision as to the future of the Techtonians is still pending.

In reorganizing, the band should stay within its original pur-
pose. The music may not rank with that of some professional
groups, but it will represent a real effort toward honest work by
men who are willing to put in a bit of their time to make a few
extra dollars. This would provide the necessary incentive to hard
work and results. However, we appreciate the fact that if no one
in school can play a particular instrument needed, it may be nec-
essary to import a professional. But this should be the only con-
dition.

AN ARMISTICE SIGNED

THE agitation aroused in the hearts of those to whom Corpora-
tion XV is dear, by the action of the Institute Committee last
Thursday, is due to a misinterpretation of the constitution of the
Undergraduate Association. Reading in the constitution under
the article IV, section 6, of the Budget Committee rules we find as
follows:

"The annual dues for each organization coming under the
jurisdiction of the Budget Committee shall be one dollar, payable
on January 1, except that organizations financed by undergraduate
dues shall pay no dues to the budget committee. A fine of five
dollars shall be imposed for the late payment of dues."

The high minded financiers from Course XV evidently figur-
ing that economy begins at home, interpreted the above rule to
apply to their organization. From a close study of the rule, we
wonder how the Institute Committee was able to qualify the state-
ment and read into it a meaning like this: . . . organizations fi-
nanced by the undergraduate dues are those which are subsidized
by the Institute in the form of money grants from the Bursar.
The constitution should be changed so that the proper interpreta-
tion can be read into the rule without reading the invisible writing
between the lines.

Corporation XV is a live activity, its lectures and social activi-
ties are before us constantly. With recognition withdrawn by the
Institute Committee, they were barred from using the bulletin
boards to advertise their activities (this was a fatal blow), but the
officers of the Corporation decided to fight the issue to the end.
Both battlers, the Corporation and the Institute Committee were
equally determined; the issue might still be a hotbed of discussion
but for the Faculty. A collection was taken among the Instruct-
ing staff of Course XV and the bill paid. The Corporation is re-
instated. A good fight is over.

Tech Men Invited to the

Harvard-Yale Ball

AT THE COPLEY

Friday, Nov. 24 10 'till 4



3 BANDS { DON REDMAN
MEYER DAVIS } 3 BANDS
COUPLE \$5.00 STAG \$3.00

Dance Committee

F. S. ALLEN, Harvard, '35 -- M. A. SEABURY, Yale, '36

TICKETS AT LEAVITT & PIERCE, HARVARD CRIMSON,
COPLEY-PLAZA, AND AT THE DOOR

INSTITUTE COMMITTEE REINSTATES CORP. XV

(Continued from Page 1)

splendid work which you are doing in this professional society.

Yours very truly,
ERWIN H. SCHELL.

Ball Forwards Money

Late yesterday afternoon, Ball forwarded the money to the Institute Committee and shortly afterward, Richard Bell, '34, chairman of the Institute Committee, issued the following statement:

"Since Corporation XV has paid its debt to the Undergraduate Association in full, the organization is automatically re-instated as a member in good standing."

The controversy which yesterday's developments brought to a close hinged on the interpretation of the term "undergraduate dues" as it appears in the Undergraduate Association constitution. The officers of Corporation XV interpreted the term to mean dues which are collected from undergraduate members of the organization. "Undergraduate Dues" are described in the Institute Catalogue as those dues which are appropriated by the Bursar from the tuition fee of all students and used for "the promotion of student life at the Institute."

SPORTS COMMENT

Well, Mort Jenkins has crashed through again, this time to the tune of a spectacular sixth in the I.C.4A. Cross-Country Championships, right behind none other than the great Gene Venzke, with whom he battled right up to the finish line and who beat him by the narrow margin of three yards. That's some feat and we don't mean maybe! That sixth place helped a lot in the total and was largely responsible for Technology's finishing in twelfth place.

Last year the first Engineer to finish was Johnny Barrett, in fortieth place, who yesterday finished fifty-fifth. The work of the other members of the team cannot be disregarded either, for it was the good work of Barrett, Talbert, Ranger, and Fitch which upheld Jenkin's performance and made the good team showing possible. As for the freshmen, as a team they did even better than the varsity, finishing sixth and living up to the predictions made for them.

We want to take this opportunity of thanking Oscar for his thoughtfulness in sending the sports department of THE TECH a telegram telling of the results of the race. Perhaps we should also speak of his generosity, for telegrams from New York cost money, especially one of the size and detail that Oscar sent. Of course THE TECH did pay for it but not before Oscar had offered to pay for it himself.

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STORAGE - A1 REPAIRS AND SERVICE
SPECIAL RATES TO TECH - OPEN 24 HOURS

47 Austin Street Near Central Square Cambridge, Mass.

JENKINS TAKES SIXTH IN I.C.4A.

(Continued from Page 1)

competition over the three mile course, with Henry Guerke the first Engineer yearling to finish.

Jenkins was formerly a valuable member of Coach Vic Duplin's hockey team. He was a regular last year when he was only a Sophomore. After the hockey season was over, he turned to running to keep in condition. Coach Hedlund noticed him one day and saw possibilities in his powerful build. Under Hedlund's guidance, the Watertown product developed into a good miler. In his last two races of the college year, he

finished second, in the mile run in the N. E. I. C. A. A. meet and eighth in the I.C.4A. mile at Harvard Stadium.

Jenkins continued running during the summer, by competing in many of the amateur meets in and around Boston. His times gradually improved, with his best being a 4:24 effort.

LECTURE NOTES

Students who are able to review complete notes are much better prepared for examinations. With ABC Short-hand, which is quickly learned in 12 easy lessons, you can take lecture and reading notes verbatim. Complete course now sells for \$1.00 at

HARVARD CO-OPERATIVE SOCIETY
Technology Branch

Is College Football a Racket?

Get the Lowdown on the Touchdown "Graft"
By all means SEE — —

"COLLEGE COACH"

Warner Bros. All-American Smash of the Hour
With DICK POWELL - ANN DORAK - PAT O'BRIEN

NOW

ALSO

NOW

'White Woman' with CHARLES LAUGHTON - CAROLE LOMBARD
CHARLES BICKFORD - KENT TAYLOR

PARAMOUNT and FENWAY THEATRES

So ROUND, so FIRM, so FULLY PACKED



*Luckies draw easily
— burn evenly*

It's easy to see why so many women prefer Lucky Strike. Luckies are fully packed with long strands of choice tobaccos, round and firm to the very tips. That means Luckies always draw easily, always burn smoothly. It also means no annoying loose ends to cling to lips or mess up the nice things in a woman's purse. And every day more and more women are showing their appreciation by saying "Luckies please".

ALWAYS the finest tobaccos
ALWAYS the finest workmanship
ALWAYS Luckies please!

"it's toasted"
FOR THROAT PROTECTION—
FOR BETTER TASTE



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DR. BUSH SPEAKS TO JUNIOR N. R. A.

"It is only by the conscientious thought, study, and effort of those who labor for the general good that a democracy such as ours can find its devious way back to prosperity," stated Dr. Vannevar Bush, vice-president of the Institute, in addressing the meeting of the Junior N. R. A. held here last Friday.

"There is honest difference of opinion," he said, "as to methods" of recovery and of removal of undesirable features of our industrial life. "It

is highly necessary to the security of our democratic form of government that this "academic freedom be carefully maintained."

MILITARY SOCIETY PLEDGES AT DANCE

The pledging of about 20 new members to the Scabbard and Blade Society took place at a dance held in Walker Memorial last Friday evening. The dance was interrupted at midnight to perform the elaborate ceremony, which greatly impressed the guests.

CALENDAR

Tuesday, November 21

12:00—National Academy Buffet Luncheon, North Hall, Walker Memorial.
5:00—Banjo Club Rehearsal, East Lounge, Walker Memorial.
5:00—Burton Dinner Club Dinner, Grill Room, Walker Memorial.
7:00—Dance Band Rehearsal, East Lounge, Walker Memorial.

Wednesday, November 22

12:00—National Academy Buffet Luncheon, North Hall, Walker Memorial.
5:00—Aristocrats Rehearsal, East Lounge, Walker Memorial.
8:15—Alpha Chi Sigma Dinner, Faculty Dining Room, Walker Memorial.
5:00—Society of Industrial Engineers Dinner, Grill Room, Walker Memorial.
5:00—Graduate Club Dinner, North Hall, Walker Memorial.
5:00—Christian Science Organization Meeting, Room 10-200.
5:30—Society of Automotive Engineers' Meeting, West Lounge, Walker Memorial.
7:00—Dormitory Basketball, Walker Memorial Gymnasium.
7:00—Dramashop, Rehearsal, Commons Room, Rogers Building.

Thursday, November 23

5:00—Banjo Club Rehearsal, East Lounge, Walker Memorial.
5:00—Beaver Key Meeting, West Lounge, Walker Memorial.
6:30—American Society of Refrigeration Engineers' Dinner, Grill Room, Walker Memorial.
6:30—Aero Society Supper, North Hall, Walker Memorial.
6:45—Masque Society Dinner, Faculty Dining Room, Walker Memorial.

Scientists Meet at the Institute

Milikan Presents Discussion of Cosmic Radiation and Positrons

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tary of the Smithsonian Institution and a graduate of Technology, discussed, "Sun spots and weather." Noted for his studies of long-range weather forecasting based on the occurrence of sun spots, he stated that within a few months he hopes to be in a position to announce a forecast of temperature and precipitation for numerous stations in all parts of the world for many years in advance. In so doing, he expects to prove that the principal agent in producing variations from normal weather or climate is the variation of the sun.

Other papers included those of Dr. F. E. Wright, of the geophysical laboratory, Carnegie Institution, who discussed the polarization of the sun's rays reflected by the moon; and of Dr. Irving Langmuir, of the General Electric Company, who spoke on the evaporation of thorium from thoriated filaments.

The final scientific session will be held tomorrow morning. Along with today's session, it will be open to the

public. Papers will be given on the subjects of geology, physical chemistry, and mathematics. Professor Emeritus William Hovgaard is scheduled to give a paper on the subject "An investigation of stresses in longitudinal welds."

Group Will Visit Round Hill

Besides the scientific sessions, there will be receptions given by President Compton of Technology and by President Conant of Harvard. Visits to the buildings of Technology and Harvard University will be conducted tomorrow afternoon to inspect the various laboratories, libraries, and museums of both institutions.

Finally, tomorrow afternoon trips will be taken to the Institute's Round Hill Experimental Station, and to Harvard's new Oak Ridge Station. At the Round Hill Station, near New Bedford, research is in progress on Van de Graaf's high voltage generator, fog dissipation, and other problems of electrical engineering.

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